SYSTEM AND METHOD FOR ALLOCATING
DATA IN A HIERARCHICAL ORGANIZATION OF DATA

ABSTRACT OF THE DISCLOSURE

A method for allocating data in a hierarchical organization of data (16) includes determining new values for one or more parents (200, 220) in the organization of data (16) and determining current values for one or more children (210, 230) in the organization of data (16). Each child (210, 230) is hierarchically related to one or more of the parents (200, 220). The method also includes determining the relationship between each parent (200, 220) and its children (210, 230) and determining a variation for each child (210, 230). Furthermore, the method includes determining a new value for each child (210, 230) by allocating the new values of the parents (200, 220) to the children based on the parent-child relationships, the current values of the children (210, 230), and the variations of the children (210, 230).